

PRODUCTION OF 2-NITROIMINOIMIDAZOLIDINES

Publication number: JP2207063 (A)

Also published as:

Publication date: 1998-08-16

JP2822050 (B2)

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Classification:

International: C07D401/06; B01J31/26; C07B61/00; C07D401/14;
C07D401/00; B01J31/26; C07B61/00; (IPC:1-7): C07D401/06

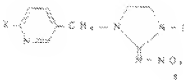
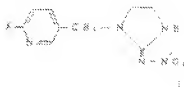
European:

Application number: JP19890024762 19890204

Priority number(s): JP19890024762 19890204

Abstract of JP 2207063 (A)

PURPOSE To readily obtain the subject compound in high yield and purity by reacting a specific compound with an alkylating agent in an inert solvent in the presence of a base and phase-transfer catalyst. **CONSTITUTION** A compound expressed by formula I (X represents halogen or alkyl) is reacted with an alkylating agent expressed by the formula R-M (R represents alkyl, alkenyl, alkynyl, haloalkyl, haloalkenyl, haloalkynyl, alkyldienyl, alkylol, or methyl bound with aromatic heterocyclic group, M represents halogen or OSO₂R (T represents methyl, methoxy, phenyl or p-tolyl)) in the presence of a base (example, sodium hydroxide) and a phase transfer catalyst (example, triethylbenzylammonium chloride) in an inert solvent to afford the objective compound expressed by formula II.



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